SDG FA46136

FA46136 Page 1 of 2

CAPE SM CAPE ENVIRONMENTAL MANAGEMENT INC
404 E. Ramsey, Suite 206
SAN ANTONIO, TX 78216

CHAIN-OF-CUSTODY RECORD

(If no box checked use routine)
☒ Routine
☐ Urgent
☐ EMERGENCY

2 coolers

Chain of Custody Number: T030GL03	Project Manager (Print): Mike Bowlby	CAPE Project Manager (Print): Krishna Nalavala	Laboratory: SGS Accutest
Contractor: CAPE	Project Name: Corrective Action at Fort Bliss	Sampler's Name (Print): Seth Moorehead	Laboratory Contract Number:
ERPIMS Yes ___ No X	Site(s) Oro Grande Landfill	(b) (6) [redacted]	ANALYSES REQUESTED

	Sample Number LNNNNNNNN	Station Number LLNNNLLNNN	Sample Type (E-21) See VVL	Sample Matrix (E-17) See VVL	Sample Method (E-23) See VVL	Begin Depth NN.N	End Depth NN.N	Date dd mmm yy NN LLL NN	Time 24 HR NNNN	Field Lot Number NNNL	Number of Contain. N	Asbestos	IGN COR, SREAS, CREAC	PCB, P8082 PCB, 8015 GRO	TCLP FULL	V8015 GRO	V8260 TCLP			See Notes
1	T030GL-WC-TB02		TB-1	WQ	NA	NA	NA	07/25/17	0600	001A	4					X	X			
2	T030GL-WC04		N-1	SO	SS	7.-5	9.-0	07/25/17	0750	000A	6	X	X	X	X	X	X			
3	T030GL-WC05		N-1	SO	SS	4.-5	10.-5	07/25/17	0825	000A	6	X	X	X	X	X	X			
4	T030GL-WC06		N-1	SO	SS	6.-0	9.-0	07/25/17	0910	000A	6	X	X	X	X	X	X			
5	T030GL-WC07		N-1	SO	SS	4.-5	10.-5	07/25/17	0935	000A	6	X	X	X	X	X	X			
6	T030GL-WC08		N-1	SO	SS	7.-5	12.-0	07/25/17	1010	000A	6	X	X	X	X	X	X			
7	T030GL-WC09		N-1	SO	SS	7.-5	10.-0	07/25/17	1030	000A	6	X	X	X	X	X	X			
8	T030GL-WC10		N-1	SO	SS	4.-5	7.-5	07/25/17	1050	000A	6	X	X	X	X	X	X			

(b) (6) [redacted]	Date/Time: 07/25/17 1830	Received By (Signature): FX	Date/Time:
Relinquished By (Signature): FX	Date/Time:	(b) (6) [redacted]	Date/Time: 7-26-17 9:15
Relinquished By (Signature):	Date/Time:		Date/Time:

PROTOCOL (circle one)
HAZWRAP (EPA) OTHER
QC LEVEL (circle one)
1 2 3 (4) 5

FOR LABORATORY USE ONLY
CONDITIONS OF SAMPLES UPON RECEIPT

CHAIN OF CUSTODY	Y	N	ICE	
REQUEST FOR ANAL	Y	N	TEMP	
CUSTODY SEAL	Y	N	pH	

SAMPLE CONDITION

Sample Shipped Via (circle one):
UPS (FED-EX) AIRBORNE BUS HAND
OTHER

Waybill Number:

REMARKS (Notes):
1)
2)
Run the MATRIX SPIKE / MATRIX SPIKE DUPLICATE on:

2.2, 3.8, 2.1

6.1 6

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CAPE CAPE ENVIRONMENTAL MANAGEMENT INC
404 E. Ramsey, Suite 206
SAN ANTONIO, TX 78216

CHAIN-OF-CUSTODY RECORD

*2 coolers

(If no box checked use routine)
☒ Routine
☐ Urgent
☐ EMERGENCY

Chain of Custody Number TO30GL03	Project Manager (Print) Mike Bowlby	CAPE Project Manager (Print) Krishna Nalavala	Laboratory SGS Accutest
Contractor CAPE	Project Name Corrective Action at Fort Bliss	Sampler's Name (Print) Seth Moorehead	Laboratory Contract Number
ERPIMS Yes ___ No X	Site(s) Oro Grande Landfill	(b) (6) [redacted]	ANALYSES REQUESTED

	Sample Number LNNNNNNNN	Station Number LLNNNLLNNN	Sample Type (E-21) See VVL	Sample Matrix (E-17) See VVL	Sample Method (E-23) See VVL	Begin Depth NN.N	End Depth NN.N	Date dd mmm yy NN LLL NN	Time 24 HR NNNN	Field Lot Number NNNL	Number of Container N	Asbestos	IGN, CORR, SREAC, CREAC	P8082 PCB, B8015 GRO	TCLP FULL	V8015 GRO	V8260TCLP			See Notses
9	TO30GL-WC11		N-1	SO	SS	8.0	12.0	07/25/17	11:25	000A	6	X	X	X	X	X	X			
10	TO30GL-WC12		N-1	SO	SS	10.0	13.0	07/25/17	1240	000A	6	X	X	X	X	X	X			
11	TO30GL-WC13		N-1	SO	SS	6.0	10.5	07/25/17	1330	000A	6	X	X	X	X	X	X			
12	TO30GL-WC14		N-1	SO	SS	4.5	10.5	07/25/17	1415	000A	6	X	X	X	X	X	X			
13	TO30GL-WC15		N-1	SO	SS	6.0	12.0	07/25/17	1440	000A	6	X	X	X	X	X	X			
14	TO30GL-WC16		N-1	SO	SS	4.5	9.0	07/25/17	1520	000A	6	X	X	X	X	X	X			
						--	--													
						--	--													

(b) (6) [redacted]	Date/Time 07/25/17 1830	Received By (Signature) FX	Date/Time	PROTOCOL (circle one) HAZWRAP (EPA) OTHER QC LEVEL (circle one) 1 2 3 (4) 5
FX	Date/Time	Received By (Signature) (b) (6) [redacted] 9:15 7-26-17	Date/Time	FOR LABORATORY USE ONLY CONDITIONS OF SAMPLES UPON RECEIPT
Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	CHAIN OF CUSTODY Y N ICE REQUEST FOR ANAL Y N TEMP CUSTODY SEAL Y N pH
Sample Shipped Via (circle one): UPS (FED-EX) AIRBORNE BUS HAND OTHER	Waybill Number:			SAMPLE CONDITION

REMARKS (Notes):
1)
2)
Run the MATRIX SPIKE / MATRIX SPIKE DUPLICATE on:

2.2

FA46136: Chain of Custody
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6.1
6

SGS Accutest Sample Receipt Summary

Job Number: FA46136 **Client:** CAPE **Project:** CORRECTIVE ACTION AT FORT BLISS

Date / Time Received: 7/26/2017 9:15:00 AM **Delivery Method:** FX **Airbill #'s:** 811306952270

Therm ID: IR 1; **Therm CF:** 0.4; **# of Coolers:** 3

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8); Cooler 2: (3.4); Cooler 3: (1.7);

Cooler Temps (Corrected) °C: Cooler 1: (2.2); Cooler 2: (3.8); Cooler 3: (2.1);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☐		☐	☑
2. Trip Blank listed on COC	☐		☐	☑

	W	or	S	N/A
3. Type Of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: PETERH Date: 7/26/2017 9:15:00 AM Reviewer: _____ Date: _____

6.1

6

FA46136: Chain of Custody
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Form 341706798

SGS ACCUTEST

CHAIN OF CUSTODY

4405 Vineland Rd, Suite C-15, Orlando, FL 32811
TEL 407-425-6700 FAX 407-425-0707
www.sgs.com

FED-EX Tracking #: | Bottle Order Control #:
SGS Accutest Quote #: | SGS Accutest Job #: FA46136X

Client / Reporting Information

Company Name: SGS Accutest
Street Address: 4405 Vineland Rd, Suite C-15
City: Orlando State: FL Zip: 32811
Project Contact: andrea.colby@sgs.com E-mail:
Phone #: 386-615-8479 Fax #:
Sampler(s) Name(s): SM Phone:

Project Information

Project Name: Oro Grande, Fort Bliss, TX
Street:
City: State: TX
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ASBESTOS,	LAB USE ONLY
2X	T030GL-WC04		7/25/17	7:50:00 AM	SM	SO	1					1				X	
3X	T030GL-WC05		7/25/17	8:25:00 AM	SM	SO	1					1				X	
4X	T030GL-WC06		7/25/17	9:10:00 AM	SM	SO	1					1				X	
5X	T030GL-WC07		7/25/17	9:35:00 AM	SM	SO	1					1				X	
6X	T030GL-WC08		7/25/17	10:10:00 AM	SM	SO	1					1				X	
7X	T030GL-WC09		7/25/17	10:30:00 AM	SM	SO	1					1				X	
8X	T030GL-WC10		7/25/17	10:50:00 AM	SM	SO	1					1				X	
9X	T030GL-WC11		7/25/17	11:25:00 AM	SM	SO	1					1				X	
10X	T030GL-WC12		7/25/17	12:40:00 PM	SM	SO	1					1				X	
11X	T030GL-WC13		7/25/17	1:30:00 PM	SM	SO	1					1				X	
12X	T030GL-WC14		7/25/17	2:15:00 PM	SM	SO	1					1				X	
13X	T030GL-WC15		7/25/17	2:40:00 PM	SM	SO	1					1				X	

Turnaround Time (Business days)

Approved By (SGS Accutest PM) / Date:

- [ ] 10 Day (business)
- [ ] 5-7 Day
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [X] other 14 days

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC summary)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [X] DOD FULT1 (Level 4)
- [ ] Other
- [ ] EDD Format

Comments / Special Instructions

EMSL-FL

Sample Custody must be documented below each time samples change possession, including courier delivery.

1 (b) (6) [redacted]	Date/Time: 7/27/17 9:20	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2
Relinquished by Sampler: 3	Date/Time: 7/27/17	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time: 7:00 PM	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ] On Ice [ ] Cooler Temp

OrderID: 341706798

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341706798

SGS ACCUTEST

CHAIN OF CUSTODY

4405 Vineland Rd. Suite C-15, Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

FED-EX Tracking #: | Bottle Order Control #:
SGS Accutest Quote #: | SGS Accutest Job #: FA46136X

Client / Reporting Information	Project Information	Billing Information (if different from Report to)
Company Name: SGS Accutest	Project Name: Oro Grande, Fort Bliss, TX	
Street Address: 4405 Vineland Rd, Suite C-15	Street:	Company Name:
City: Orlando State: FL Zip: 32811	City: State:	Street Address:
Project Contact: E-mail: andrea.colby@sgs.com	Project #:	City: State: Zip:
Phone #: 386-615-8479 Fax #:	Client Purchase Order #:	Attention:
Sampler(s) Name(s): SM Phone:	Project Manager:	

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ASBESTOS	LAB USE ONLY
14X	T030GL-WC16		7/25/17	3:20:00 PM	SM	SO	1					1				X	

Turnaround Time (Business days)

Approved By (SGS Accutest PM): / Date:

- [ ] 10 Day (business)
- [ ] 5-7 Day
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [X] other 14 days

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC summary)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [X] DOD FULT1 (Level 4)
- [ ] Other
- [ ] EDD Format

Comments / Special Instructions: EMSL-FL

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 (b) (6) [redacted]	7/27/17 9:00	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # [ ] Intact [ ] Not intact	Preserved where applicable [ ]	On Ice [ ] Cooler Temp.

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL03-WC-TB02		
Lab Sample ID:	FA46136-1	**Date Sampled:**	07/25/17
Matrix:	SO - Trip Blank Soil	**Date Received:**	07/26/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0122994.D	1	07/27/17 11:55	EP	n/a	n/a	VC4870
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

VOA TCLP List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	~~2.0 U~~ 2.0U	5.0	2.0	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	~~15 U~~ 15U	25	15	7.3	ug/kg	
56-23-5	Carbon Tetrachloride	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	
108-90-7	Chlorobenzene	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	
67-66-3	Chloroform	~~2.0 U~~ 2.0U	5.0	2.0	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	~~2.0 U~~ 2.0U	5.0	2.0	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	~~2.0 U~~ 2.0U	5.0	2.0	1.3	ug/kg	
79-01-6	Trichloroethylene	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	
75-01-4	Vinyl Chloride	~~2.0 U~~ 2.0U	5.0	2.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-124%
17060-07-0	1,2-Dichloroethane-D4	106%		72-135%
2037-26-5	Toluene-D8	94%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL03-WC-TB02		
Lab Sample ID:	FA46136-1	**Date Sampled:**	07/25/17
Matrix:	SO - Trip Blank Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080582.D	1	08/03/17 17:33	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	~~2.5 U~~ 2.5U	5.0	2.5	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC04
Lab Sample ID: FA46136-2 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97888.D	10	08/02/17 15:03	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050U	~~0.0050 U~~	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	~~0.035 U~~	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	~~0.0050 U~~	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	~~0.0050 U~~	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050U	~~0.0050 U~~	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050U	~~0.0050 U~~	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050U	~~0.0050 U~~	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050U	~~0.0050 U~~	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050U	~~0.0050 U~~	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050U	~~0.0050 U~~	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050U	~~0.0050 U~~	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC04
Lab Sample ID: FA46136-2 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D2071.D	1	08/04/17 20:18	NG	07/29/17 08:15	OP66197	S4D81
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ ~~0.010 U~~	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ ~~0.020 U~~	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol [a]	0.10 UJ ~~0.10 U~~	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020 UJ ~~0.020 U~~	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020 UJ ~~0.020 U~~	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U ~~0.020 U~~	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U ~~0.010 U~~	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U ~~0.010 U~~	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010U ~~0.010 U~~	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U ~~0.020 U~~	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U ~~0.020 U~~	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U ~~0.035 U~~	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	74%		33-118%
4165-60-0	Nitrobenzene-d5	73%		42-108%
321-60-8	2-Fluorobiphenyl	76%		40-106%
1718-51-0	Terphenyl-d14	81%		39-121%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC04		
Lab Sample ID:	FA46136-2	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080583.D	1	08/03/17 18:03	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.87 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.3 U ~~2.3 U~~	4.6	2.3	2.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC04		
Lab Sample ID:	FA46136-2	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055209.D	1	08/03/17 14:05	MG	07/29/17 12:30	OP66199	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	50%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC04
Lab Sample ID: FA46136-2 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85100.D	1	08/02/17 19:14	KL	07/29/17 10:00	OP66198	GKK2709
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00005U	~~0.000050 U~~	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.0005U	~~0.00050 U~~	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.00005U	~~0.000050 U~~	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010U	~~0.00010 U~~	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038U	~~0.0038 U~~	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		42-127%
2051-24-3	Decachlorobiphenyl	108%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC04		
Lab Sample ID:	FA46136-2	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43926.D	1	07/27/17 15:35	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	~~12 U~~	17	12	6.6	ug/kg	
11104-28-2	Aroclor 1221	12 U	~~12 U~~	17	12	8.3	ug/kg	
11141-16-5	Aroclor 1232	12 U	~~12 U~~	17	12	8.3	ug/kg	
53469-21-9	Aroclor 1242	12 U	~~12 U~~	17	12	6.6	ug/kg	
12672-29-6	Aroclor 1248	12 U	~~12 U~~	17	12	6.6	ug/kg	
11097-69-1	Aroclor 1254	12 U	~~12 U~~	17	12	6.6	ug/kg	
11096-82-5	Aroclor 1260	12 U	~~12 U~~	17	12	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		44-126%
2051-24-3	Decachlorobiphenyl	52%		41-145%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC04
Lab Sample ID: FA46136-2 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8015C SW846 3546 **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016047.D	1	08/05/17 14:20	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) 3.19 J	~~3.19~~	5.1	3.8	2.5	mg/kg	~~J~~

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		56-122%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC04		
Lab Sample ID:	FA46136-2	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	96.5
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Barium	0.53 J	D005	100	2.0	0.050	0.050	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Cadmium	0.050 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Chromium	0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Lead	0.050 U	D008	5.0	0.050	0.020	0.011	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Mercury	0.00058 J	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	07/31/17	07/31/17	JL	SW846 7470A	2
Selenium	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Silver	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1

(1) Instrument QC Batch: MA14256
(2) Instrument QC Batch: MA14259
(3) Prep QC Batch: MP32514
(4) Prep QC Batch: MP32517

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID: T030GL-WC04
Lab Sample ID: FA46136-2
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 96.5

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.4	~~8.4~~				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77 U	~~0.77 U~~	1.6	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	~~> 200~~				Deg. F	1	07/27/17 12:30	KH	SW846 1010
Solids, Percent	96.5	~~96.5~~				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	52 U	~~52 U~~	52	52 [a]	52	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC05
Lab Sample ID: FA46136-3 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 91.9
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97890.D	10	08/02/17 15:53	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0104	~~0.0104~~	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	~~0.035 U~~	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050 UJ	~~0.0050 U~~	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	~~0.0050 U~~	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050 U	~~0.0050 U~~	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	~~0.0050 U~~	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	~~0.0050 U~~	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	~~0.0050 U~~	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0299	~~0.0299~~	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050 U	~~0.0050 U~~	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050 U	~~0.0050 U~~	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC05		
Lab Sample ID:	FA46136-3	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	91.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D2073.D	1	08/04/17 21:15	NG	07/29/17 08:15	OP66197	S4D81
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ	~~0.010 U~~	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ	~~0.020 U~~	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol [a]	0.10 UJ	~~0.10 U~~	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020 UJ	~~0.020 U~~	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020 UJ	~~0.020 U~~	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U	~~0.020 U~~	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	~~0.010 U~~	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010 U	~~0.010 U~~	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010 U	~~0.010 U~~	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	~~0.020 U~~	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U	~~0.020 U~~	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	~~0.035 U~~	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	25%		14-67%
4165-62-2	Phenol-d5	16%		10-50%
118-79-6	2,4,6-Tribromophenol	71%		33-118%
4165-60-0	Nitrobenzene-d5	67%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

(a) Associated BS recovery outside control limits.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC05		
Lab Sample ID:	FA46136-3	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	91.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080584.D	1	08/03/17 18:32	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.68 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.6 U	~~2.6 U~~	5.2	2.6	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	94%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC05
Lab Sample ID: FA46136-3 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8151A SW846 3510C **Percent Solids:** 91.9
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055211.D	1	08/03/17 14:37	MG	07/29/17 12:30	OP66199	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	77%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC05
Lab Sample ID: FA46136-3 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 91.9
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85102.D	1	08/02/17 19:49	KL	07/29/17 10:00	OP66198	GKK2709
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00005U	~~0.000050 U~~	D013	0.40	0.00010	0.0000500	0.000022	mg/l
12789-03-6	Chlordane	0.0005U	~~0.00050 U~~	D020	0.030	0.0010	0.00050	0.00038	mg/l
72-20-8	Endrin	0.00005U	~~0.000050 U~~	D012	0.020	0.00020	0.0000500	0.000021	mg/l
76-44-8	Heptachlor	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000026	mg/l
1024-57-3	Heptachlor epoxide	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000020	mg/l
72-43-5	Methoxychlor	0.00010U	~~0.00010 U~~	D014	10	0.00020	0.00010	0.000050	mg/l
8001-35-2	Toxaphene	0.0038U	~~0.0038 U~~	D015	0.50	0.0050	0.0038	0.0021	mg/l

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		42-127%
2051-24-3	Decachlorobiphenyl	96%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC05
Lab Sample ID: FA46136-3 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8082A SW846 3546 **Percent Solids:** 91.9
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43927.D	1	07/27/17 15:47	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	13 U	~~13 U~~	18	13	7.2	ug/kg	
11104-28-2	Aroclor 1221	13 U	~~13 U~~	18	13	9.0	ug/kg	
11141-16-5	Aroclor 1232	13 U	~~13 U~~	18	13	9.0	ug/kg	
53469-21-9	Aroclor 1242	13 U	~~13 U~~	18	13	7.2	ug/kg	
12672-29-6	Aroclor 1248	13 U	~~13 U~~	18	13	7.2	ug/kg	
11097-69-1	Aroclor 1254	17.9J	~~17.9~~	18	13	7.2	ug/kg	~~J~~
11096-82-5	Aroclor 1260	13 U	~~13 U~~	18	13	7.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		44-126%
2051-24-3	Decachlorobiphenyl	60%		41-145%

(a) All hits confirmed by dual column analysis.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC05		
Lab Sample ID:	FA46136-3	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	91.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016048.D	5	08/05/17 14:49	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	71.6 J ~~71.6~~	27	20	14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		56-122%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC05		
Lab Sample ID:	FA46136-3	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	91.9
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Barium	0.52 J	D005	100	2.0	0.050	0.050	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Cadmium	0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Chromium	0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Lead	0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Mercury	0.00062 J	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	07/31/17	07/31/17	JL	SW846 7470A [2]
Selenium	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Silver	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]

(1) Instrument QC Batch: MA14256
(2) Instrument QC Batch: MA14259
(3) Prep QC Batch: MP32514
(4) Prep QC Batch: MP32517

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC05		
Lab Sample ID:	FA46136-3	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	91.9
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	~~8.0~~				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.82 U	~~0.82 U~~	1.6	0.82 [a]	0.82	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	~~> 200~~				Deg. F	1	07/27/17 12:30	KH	SW846 1010
Solids, Percent	91.9	~~91.9~~				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	54 U	~~54 U~~	54	54 [a]	54	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 91.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97891.D	10	08/02/17 16:17	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	~~0.0050 U~~	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035	~~0.035 U~~	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050 UJ	~~0.0050 U~~	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0020 J	~~0.0020~~	D021	100	0.010	0.0050	0.0020	mg/l	J
67-66-3	Chloroform	0.0050 U	~~0.0050 U~~	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	~~0.0050 U~~	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	~~0.0050 U~~	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	~~0.0050 U~~	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050 U	~~0.0050 U~~	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050 U	~~0.0050 U~~	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050 U	~~0.0050 U~~	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 91.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D2074.D	1	08/04/17 21:43	NG	07/29/17 08:15	OP66197	S4D81
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ	~~0.010 U~~	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ	~~0.020 U~~	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol [a]	0.10 UJ	~~0.10 U~~	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020 UJ	~~0.020 U~~	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020 UJ	~~0.020 U~~	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U	~~0.020 U~~	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	~~0.010 U~~	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010 U	~~0.010 U~~	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010 U	~~0.010 U~~	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	~~0.020 U~~	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U	~~0.020 U~~	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	~~0.035 U~~	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	26%		14-67%
4165-62-2	Phenol-d5	17%		10-50%
118-79-6	2,4,6-Tribromophenol	75%		33-118%
4165-60-0	Nitrobenzene-d5	69%		42-108%
321-60-8	2-Fluorobiphenyl	75%		40-106%
1718-51-0	Terphenyl-d14	84%		39-121%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC06		
Lab Sample ID:	FA46136-4	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	91.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080585.D	1	08/03/17 19:02	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.85 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.6 U	~~2.6 U~~	5.1	2.6	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC06		
Lab Sample ID:	FA46136-4	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	91.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055212.D	1	08/03/17 14:53	MG	07/29/17 12:30	OP66199	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	64%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 91.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85103.D	1	08/02/17 20:06	KL	07/29/17 10:00	OP66198	GKK2709
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.00005U	~~0.000050 U~~	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050U	~~0.00050 U~~	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.00005U	~~0.000050 U~~	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.00005U	~~0.000050 U~~	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010U	~~0.00010 U~~	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038U	~~0.0038 U~~	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		42-127%
2051-24-3	Decachlorobiphenyl	104%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 91.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43928.D	5	07/27/17 15:58	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	62 U	~~62 U~~	89	62	36	ug/kg	
11104-28-2	Aroclor 1221	62 U	~~62 U~~	89	62	44	ug/kg	
11141-16-5	Aroclor 1232	62 U	~~62 U~~	89	62	44	ug/kg	
53469-21-9	Aroclor 1242	62 U	~~62 U~~	89	62	36	ug/kg	
12672-29-6	Aroclor 1248	62 U	~~62 U~~	89	62	36	ug/kg	
11097-69-1	Aroclor 1254 [b]	105 J	~~105~~	89	62	36	ug/kg	~~J~~
11096-82-5	Aroclor 1260 [b]	48.3 J	~~48.3~~	89	62	36	ug/kg	~~J~~

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		44-126%
2051-24-3	Decachlorobiphenyl	47%		41-145%

(a) All hits confirmed by dual column analysis. Dilution required due to matrix interference.
(b) Estimated value due to the presence of multiple overlapping Aroclor patterns.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8015C SW846 3546 **Percent Solids:** 91.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016049.D	20	08/05/17 15:18	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	508 J	110	81	54	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	0% [a]		56-122%

(a) Outside control limits due to dilution.

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 91.8

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result		HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050 U	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Barium	0.61 J	0.61 J	D005	100	2.0	0.050	0.050	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Cadmium	0.010 U	0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Chromium	0.012 J	0.012 J	D007	5.0	0.10	0.050	0.010	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Lead	0.020 U	0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Mercury	0.00065J	0.00065 J	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	07/31/17	07/31/17	JL	SW846 7470A	2
Selenium	0.050 U	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1
Silver	0.020 U	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C	1

(1) Instrument QC Batch: MA14256
(2) Instrument QC Batch: MA14259
(3) Prep QC Batch: MP32514
(4) Prep QC Batch: MP32517

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID: T030GL-WC06
Lab Sample ID: FA46136-4
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 91.8

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.1	8.1				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.81 U	0.81 U	1.6	0.81 [a]	0.81	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	91.8	91.8				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	54 U	54 U	54	54 [a]	54	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC07
Lab Sample ID: FA46136-5 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 94.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97892.D	10	08/02/17 16:42	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050 UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050 U	0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050 U	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0057 J	0.0057	D040	0.50	0.010	0.0050	0.0035	mg/l	J
75-01-4	Vinyl Chloride	0.0050 U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC07
Lab Sample ID: FA46136-5 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 94.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4D2075.D	1	08/04/17 22:11	NG	07/29/17 08:15	OP66197	S4D81
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	a 0.10 UJ	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020 UJ	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020 UJ	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		14-67%
4165-62-2	Phenol-d5	18%		10-50%
118-79-6	2,4,6-Tribromophenol	81%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	82%		40-106%
1718-51-0	Terphenyl-d14	92%		39-121%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC07		
Lab Sample ID:	FA46136-5	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	94.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080586.D	1	08/03/17 19:31	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.76 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.5 U ~~2.5 U~~	4.9	2.5	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC07		
Lab Sample ID:	FA46136-5	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	94.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055213.D	1	08/03/17 15:09	MG	07/29/17 12:30	OP66199	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025UJ	0.025U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025UJ	0.0025U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	47%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC07		
Lab Sample ID:	FA46136-5	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	94.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85104.D	1	08/02/17 20:23	KL	07/29/17 10:00	OP66198	GKK2709
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.00005 U								
58-89-9	gamma-BHC (Lindane)		0.0000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.0005 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.00005 U	0.0000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.00005 U	0.0000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.00005 U	0.0000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		42-127%
2051-24-3	Decachlorobiphenyl	110%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC07
Lab Sample ID: FA46136-5 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8082A SW846 3546 **Percent Solids:** 94.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43929.D	1	07/27/17 16:10	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	7.0	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.7	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.7	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	7.0	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	7.0	ug/kg	
11097-69-1	Aroclor 1254	22.7	22.7	17	12	7.0	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		44-126%
2051-24-3	Decachlorobiphenyl	47%		41-145%

(a) All hits confirmed by dual column analysis.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC07		
Lab Sample ID:	FA46136-5	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	94.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11628.D	1	08/09/17 11:05	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	5.21 J ~~5.21~~	5.3	4.0	2.6	mg/kg	~~J~~

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		56-122%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID: T030GL-WC07
Lab Sample ID: FA46136-5
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 94.2

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Barium	0.45 J	D005	100	2.0	0.050	0.050	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Cadmium	0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Chromium	0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Lead	0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Mercury	0.00065J	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	07/31/17	07/31/17	JL	SW846 7470A [2]
Selenium	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]
Silver	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	07/28/17	07/28/17	LM	SW846 6010C [1]

(1) Instrument QC Batch: MA14256
(2) Instrument QC Batch: MA14259
(3) Prep QC Batch: MP32514
(4) Prep QC Batch: MP32517

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID: T030GL-WC07
Lab Sample ID: FA46136-5
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 94.2

General Chemistry

Analyte	Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.9	1.9			su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.79 U	0.79 U	1.6	0.79 [a]	0.79	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	94.2	94.2				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	53 U	53 U	53	53 [a]	53	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 97.7
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97893.D	10	08/02/17 17:06	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050 U	0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050 U	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0066 J	0.0066	D040	0.50	0.010	0.0050	0.0035	mg/l	J
75-01-4	Vinyl Chloride	0.0050 U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 97.7
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00156.D	1	08/08/17 20:05	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10 UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020 UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020 UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010 U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010 U	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	105%		33-118%
4165-60-0	Nitrobenzene-d5	84%		42-108%
321-60-8	2-Fluorobiphenyl	90%		40-106%
1718-51-0	Terphenyl-d14	99%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6
Matrix: SO - Soil
Method: SW846 8015C
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 97.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080587.D	1	08/03/17 20:01	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.15 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.5 U ~~2.5 U~~	5.1	2.5	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC08		
Lab Sample ID:	FA46136-6	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	97.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055224.D	1	08/03/17 18:05	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ ~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ ~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	52%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 97.7
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85181.D	1	08/08/17 14:53	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.000050 U								
58-89-9	gamma-BHC (Lindane)		0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050 U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		42-127%
2051-24-3	Decachlorobiphenyl	99%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 97.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43930.D	1	07/27/17 16:22	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.8	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.5	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.5	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.8	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.8	ug/kg	
11097-69-1	Aroclor 1254	12 U	12 U	17	12	6.8	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		44-126%
2051-24-3	Decachlorobiphenyl	56%		41-145%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC08
Lab Sample ID: FA46136-6 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8015C SW846 3546 **Percent Solids:** 97.7
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11629.D	1	08/09/17 11:34	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	44.4 J ~~44.4~~	5.1	3.8	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC08		
Lab Sample ID:	FA46136-6	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.7
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic 0.050U	~~0.050 U~~	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium 0.56J	~~0.56 J~~	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium 0.0020J	~~0.0020 J~~	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium 0.050U	~~0.050 U~~	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead 0.020 U	~~0.020 U~~	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury 0.0010 U	~~0.0010 U~~	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium 0.050 U	~~0.050 U~~	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver 0.020 U	~~0.020 U~~	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC08		
Lab Sample ID:	FA46136-6	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.7
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte	Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.2				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200				Deg. F	1	07/27/17 12:30	KH	SW846 1010
Solids, Percent	97.7				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	51 U	51	51 [a]	51	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC09
Lab Sample ID: FA46136-7 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 80.6
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97894.D	10	08/02/17 17:29	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene 0.446	0.446	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK) 0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride 0.0050 UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene 0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC09
Lab Sample ID: FA46136-7 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 80.6
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00159.D	1	08/08/17 22:04	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010 UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020 UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10 UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010U	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	93%		33-118%
4165-60-0	Nitrobenzene-d5	76%		42-108%
321-60-8	2-Fluorobiphenyl	80%		40-106%
1718-51-0	Terphenyl-d14	90%		39-121%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC09		
Lab Sample ID:	FA46136-7	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	80.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080588.D	1	08/03/17 20:30	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.74 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	3.3 U	6.6	3.3	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC09		
Lab Sample ID:	FA46136-7	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	80.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055229.D	1	08/03/17 19:24	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	42%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC09
Lab Sample ID: FA46136-7 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 80.6
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85184.D	1	08/08/17 15:45	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		42-127%
2051-24-3	Decachlorobiphenyl	95%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC09
Lab Sample ID: FA46136-7
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 80.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43937.D	1	07/27/17 17:43	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	14 U	14 U	20	14	8.1	ug/kg	
11104-28-2	Aroclor 1221	14 U	14 U	20	14	10	ug/kg	
11141-16-5	Aroclor 1232	14 U	14 U	20	14	10	ug/kg	
53469-21-9	Aroclor 1242	14 U	14 U	20	14	8.1	ug/kg	
12672-29-6	Aroclor 1248	14 U	14 U	20	14	8.1	ug/kg	
11097-69-1	Aroclor 1254	12.5 J	12.5	20	14	8.1	ug/kg	J
11096-82-5	Aroclor 1260	14 U	14 U	20	14	8.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		44-126%
2051-24-3	Decachlorobiphenyl	60%		41-145%

(a) All hits confirmed by dual column analysis.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC09		
Lab Sample ID:	FA46136-7	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	80.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11630.D	1	08/09/17 12:02	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a] 25.9 J	25.9	6.0	4.5	3.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	120%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC09		
Lab Sample ID:	FA46136-7	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	80.6
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U ~~0.050 U~~	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium	0.28 J ~~0.28 J~~	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium	0.0030 J ~~0.0030 J~~	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium	0.050 U ~~0.050 U~~	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead	0.020 U ~~0.020 U~~	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury	0.0010 U ~~0.0010 U~~	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium	0.050 U ~~0.050 U~~	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver	0.020 U ~~0.020 U~~	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC09		
Lab Sample ID:	FA46136-7	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	80.6
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.1	8.1				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.92 U	0.92 U	1.9	0.92 [a]	0.92	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	80.6	80.6				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	62 U	62 U	62	62 [a]	62	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC10
Lab Sample ID: FA46136-8
Matrix: SO - Soil
Method: SW846 8260B SW846 1311
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 95.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97895.D	10	08/02/17 17:54	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050 UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform		0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene		0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC10
Lab Sample ID: FA46136-8
Matrix: SO - Soil
Method: SW846 8270D SW846 3510C
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 95.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00160.D	1	08/08/17 22:43	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020 U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010 U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene	0.010 U	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020 U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	98%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	86%		40-106%
1718-51-0	Terphenyl-d14	93%		39-121%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC10		
Lab Sample ID:	FA46136-8	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	95.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080589.D	1	08/03/17 20:59	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.97 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.3 U ~~2.3 U~~	4.6	2.3	2.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC10		
Lab Sample ID:	FA46136-8	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	95.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055230.D	1	08/03/17 19:40	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	50%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC10
Lab Sample ID: FA46136-8 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 95.9
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85185.D	1	08/08/17 16:03	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050 U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050 U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		42-127%
2051-24-3	Decachlorobiphenyl	87%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC10
Lab Sample ID: FA46136-8
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 95.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43938.D	1	07/27/17 17:55	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.7	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.4	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.4	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.7	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.7	ug/kg	
11097-69-1	Aroclor 1254	12 U	12 U	17	12	6.7	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		44-126%
2051-24-3	Decachlorobiphenyl	58%		41-145%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC10		
Lab Sample ID:	FA46136-8	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	95.9
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11631.D	1	08/09/17 12:31	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	7.30 J ~~7.30~~	5.1	3.8	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	100%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC10		
Lab Sample ID:	FA46136-8	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	95.9
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U ~~0.050 U~~	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium	0.52 J ~~0.52 J~~	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium	0.0020 J ~~0.0020 J~~	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium	0.050 U ~~0.050 U~~	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead	0.020 U ~~0.020 U~~	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury	0.0010 U ~~0.0010 U~~	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium	0.050 U ~~0.050 U~~	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver	0.020 U ~~0.020 U~~	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC10		
Lab Sample ID:	FA46136-8	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	95.9
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.78U	0.78 U	1.6	0.78 [a]	0.78	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	07/27/17 12:30	KH	SW846 1010
Solids, Percent	95.9	95.9				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC11
Lab Sample ID: FA46136-9 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 87.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97896.D	10	08/02/17 18:18	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050 UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform		0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene		0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC11
Lab Sample ID: FA46136-9 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 87.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00161.D	1	08/08/17 23:22	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		14-67%
4165-62-2	Phenol-d5	11%		10-50%
118-79-6	2,4,6-Tribromophenol	101%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	85%		40-106%
1718-51-0	Terphenyl-d14	99%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	87.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080593.D	1	08/03/17 22:57	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.75 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.9 U 2.9 U	5.7	2.9	2.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	87.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055231.D	1	08/03/17 19:56	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	45%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	87.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85186.D	1	08/08/17 16:20	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		42-127%
2051-24-3	Decachlorobiphenyl	90%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	87.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43970.D	1	07/31/17 12:00	NJ	07/27/17 07:30	OP66167	GMM841
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	13 U	13 U	18	13	7.3	ug/kg	
11104-28-2	Aroclor 1221	13 U	13 U	18	13	9.1	ug/kg	
11141-16-5	Aroclor 1232	13 U	13 U	18	13	9.1	ug/kg	
53469-21-9	Aroclor 1242	13 U	13 U	18	13	7.3	ug/kg	
12672-29-6	Aroclor 1248	13 U	13 U	18	13	7.3	ug/kg	
11097-69-1	Aroclor 1254	9.5 J	9.5	18	13	7.3	ug/kg	J
11096-82-5	Aroclor 1260	13 U	13 U	18	13	7.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		44-126%
2051-24-3	Decachlorobiphenyl	43%		41-145%

(a) All hits confirmed by dual column analysis.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	87.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11632.D	4	08/09/17 13:00	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	9.85 J	23	17	11	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	87.1
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium	0.81 J 0.81 J	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium	0.0020J 0.0020 J	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead	0.020 U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium	0.050 U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver	0.020 U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC11		
Lab Sample ID:	FA46136-9	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	87.1
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.1	7.1				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.86U	0.86 U	1.7	0.86 [a]	0.86	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	87.1	87.1				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	57 U	57 U	57	57 [a]	57	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97897.D	10	08/02/17 18:42	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene 0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK) 0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride 0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene 0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane	0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene	0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(b) (6)

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00162.D	1	08/09/17 00:00	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	106%		33-118%
4165-60-0	Nitrobenzene-d5	87%		42-108%
321-60-8	2-Fluorobiphenyl	91%		40-106%
1718-51-0	Terphenyl-d14	100%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080594.D	1	08/03/17 23:26	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.79 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.3 U ~~2.3 U~~	4.5	2.3	2.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC12
Lab Sample ID: FA46136-10 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8151A SW846 3510C **Percent Solids:** 97.6
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055232.D	1	08/03/17 20:12	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ ~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ ~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	41%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85187.D	1	08/08/17 16:37	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		42-127%
2051-24-3	Decachlorobiphenyl	81%		27-127%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43940.D	5	07/27/17 18:18	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	59 U	59 U	85	59	34	ug/kg	
11104-28-2	Aroclor 1221	59 U	59 U	85	59	42	ug/kg	
11141-16-5	Aroclor 1232	59 U	59 U	85	59	42	ug/kg	
53469-21-9	Aroclor 1242	59 U	59 U	85	59	34	ug/kg	
12672-29-6	Aroclor 1248	59 U	59 U	85	59	34	ug/kg	
11097-69-1	Aroclor 1254	59 U	59 U	85	59	34	ug/kg	
11096-82-5	Aroclor 1260	59 U	59 U	85	59	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		44-126%
2051-24-3	Decachlorobiphenyl	48%		41-145%

(a) Dilution required due to matrix interference.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	97.6
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11633.D	4	08/09/17 13:29	SJL	07/27/17 08:00	OP66168	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	93.0 J	20	15	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.6
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U ~~0.050 U~~	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium	0.57 J ~~0.57 J~~	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium	0.0060 J ~~0.0060 J~~	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium	0.050 U ~~0.050 U~~	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead	0.020 U ~~0.020 U~~	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury	0.0010 U ~~0.0010 U~~	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium	0.050 U ~~0.050 U~~	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver	0.020 U ~~0.020 U~~	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC12		
Lab Sample ID:	FA46136-10	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.6
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	97.6	97.6				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	51 U	51 U	51	51 [a]	51	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	95.3
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M97898.D	10	08/02/17 19:05	WV	07/31/17 12:30	OP66200	VM4200
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform		0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene		0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	95.3
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00163.D	1	08/09/17 00:38	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	97%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	85%		40-106%
1718-51-0	Terphenyl-d14	92%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	95.3
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080595.D	1	08/03/17 23:56	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.05 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.3 U 2.3 U	4.6	2.3	2.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	94%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	95.3
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055233.D	1	08/03/17 20:27	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	42%		39-135%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC13
Lab Sample ID: FA46136-11 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 95.3
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85190.D	1	08/08/17 17:30	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		42-127%
2051-24-3	Decachlorobiphenyl	89%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	95.3
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM43943.D	1	07/27/17 18:54	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.9	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.6	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.6	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.9	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.9	ug/kg	
11097-69-1	Aroclor 1254	54.8	54.8	17	12	6.9	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		44-126%
2051-24-3	Decachlorobiphenyl	43%		41-145%

(a) All hits confirmed by dual column analysis.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC13
Lab Sample ID: FA46136-11
Matrix: SO - Soil
Method: SW846 8015C SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 95.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016058.D	1	08/05/17 19:39	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	16.1 J	5.1	3.9	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		56-122%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	95.3
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic 0.050U	~~0.050 U~~	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium 0.49 J	~~0.49 J~~	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium 0.0090J	~~0.0090 J~~	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium 0.050U	~~0.050 U~~	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead 0.020U	~~0.020 U~~	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury 0.0010U	~~0.0010 U~~	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium 0.050U	~~0.050 U~~	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver 0.020U	~~0.020 U~~	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC13		
Lab Sample ID:	FA46136-11	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	95.3
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.78U	0.78 U	1.6	0.78 [a]	0.78	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint)	[b] > 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	95.3	95.3				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985836.D	10	08/04/17 13:51	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0039 B	0.0039	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050 U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC14
Lab Sample ID: FA46136-12 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00164.D	1	08/09/17 01:16	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	92%		33-118%
4165-60-0	Nitrobenzene-d5	78%		42-108%
321-60-8	2-Fluorobiphenyl	81%		40-106%
1718-51-0	Terphenyl-d14	88%		39-121%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080596.D	1	08/04/17 00:25	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.31 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.6 U	2.6 U	5.1	2.6	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	94%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC14
Lab Sample ID: FA46136-12 **Date Sampled:** 07/25/17
Matrix: SO - Soil **Date Received:** 07/26/17
Method: SW846 8151A SW846 3510C **Percent Solids:** 96.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055234.D	1	08/03/17 20:43	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	46%		39-135%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85191.D	1	08/08/17 17:47	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0030 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		42-127%
2051-24-3	Decachlorobiphenyl	91%		27-127%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43944.D	1	07/27/17 19:05	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.8	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.4	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.4	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.8	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.8	ug/kg	
11097-69-1	Aroclor 1254	12 U	12 U	17	12	6.8	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		44-126%
2051-24-3	Decachlorobiphenyl	54%		41-145%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016059.D	1	08/05/17 20:07	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	46.1 J	46.1	5.2	3.9	2.6	mg/kg

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	120%		56-122%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	96.1
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic 0.050U	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Barium 0.30J	0.30 J	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Cadmium 0.0030J	0.0030 J	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Chromium 0.050U	0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Lead 0.020U	0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Mercury 0.0010U	0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A	1
Selenium 0.050U	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Silver 0/020U	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC14		
Lab Sample ID:	FA46136-12	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	96.1
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.5	8.5				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.78U	0.78 U	1.6	0.78 [a]	0.78	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	>200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	96.1	96.1				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985838.D	10	08/04/17 14:38	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050 U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0032 B	0.0032	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050 U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00165.D	1	08/09/17 01:53	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	22%		14-67%
4165-62-2	Phenol-d5	12%		10-50%
118-79-6	2,4,6-Tribromophenol	100%		33-118%
4165-60-0	Nitrobenzene-d5	82%		42-108%
321-60-8	2-Fluorobiphenyl	90%		40-106%
1718-51-0	Terphenyl-d14	90%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080597.D	1	08/04/17 00:55	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.73 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.3 U	2.3 U	4.7	2.3	2.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		56-149%
98-08-8	aaa-Trifluorotoluene	94%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055235.D	1	08/03/17 20:59	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	40%		39-135%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	KK85192.D	1	08/08/17 18:04	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane) [b]	0.000023 J	0.0000023	D013	0.40	0.00010	0.00005	0.000022	mg/l	J
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.00005	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.00005	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.00005	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		42-127%
2051-24-3	Decachlorobiphenyl	91%		27-127%

(a) All hits confirmed by dual column analysis.

(b) Primary and confirmation results differ by more than 40%. Lower value reported due to possible coelution.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	96.7
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43945.D	1	07/27/17 19:17	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.8	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.5	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.5	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.8	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.8	ug/kg	
11097-69-1	Aroclor 1254	12 U	12 U	17	12	6.8	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	51%		44-126%
2051-24-3	Decachlorobiphenyl	42%		41-145%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC15
Lab Sample ID: FA46136-13
Matrix: SO - Soil
Method: SW846 8015C SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/25/17
Date Received: 07/26/17
Percent Solids: 96.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016060.D	1	08/05/17 20:36	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28)	77.3 J	77.3	5.0	3.7	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	110%		56-122%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	96.7
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050 U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Barium	0.48 J 0.48 J	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Cadmium	0.0060J 0.0060 J	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A [1]
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]
Silver	0.020U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC15		
Lab Sample ID:	FA46136-13	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	96.7
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.9	7.9				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	96.7	96.7				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	51 U	51 U	51	51 [a]	51	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985839.D	10	08/04/17 15:02	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.298	0.298	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050UJ	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050 U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0053 B	0.0053	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050 U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

[redacted]

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MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8270D SW846 3510C	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G00167.D	1	08/09/17 03:07	NG	08/01/17 13:00	OP66232	S7G11
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010UJ	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020UJ	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10UJ	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene	0.010 U	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene		0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene		0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane	0.020 U	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene		0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035 U	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	96%		33-118%
4165-60-0	Nitrobenzene-d5	81%		42-108%
321-60-8	2-Fluorobiphenyl	87%		40-106%
1718-51-0	Terphenyl-d14	92%		39-121%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080598.D	1	08/04/17 01:24	AJC	n/a	n/a	GUV4266
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.14 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.2 U 2.2 U	4.3	2.2	2.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055237.D	1	08/03/17 21:31	MG	08/01/17 15:20	OP66234	GCC1169
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D	0.025 UJ	~~0.025 U~~	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex)	0.0025 UJ	~~0.0025 U~~	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	39%		39-135%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85194.D	1	08/08/17 18:39	KL	08/01/17 12:30	OP66233	GKK2713
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050 U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	0.00050 U	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050 U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor	0.00010 U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	0.0038 U	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		42-127%
2051-24-3	Decachlorobiphenyl	97%		27-127%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM43946.D	1	07/27/17 19:29	NJ	07/27/17 07:30	OP66167	GMM840
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.7	ug/kg	
11104-28-2	Aroclor 1221	12 U	12 U	17	12	8.4	ug/kg	
11141-16-5	Aroclor 1232	12 U	12 U	17	12	8.4	ug/kg	
53469-21-9	Aroclor 1242	12 U	12 U	17	12	6.7	ug/kg	
12672-29-6	Aroclor 1248	12 U	12 U	17	12	6.7	ug/kg	
11097-69-1	Aroclor 1254	12 U	12 U	17	12	6.7	ug/kg	
11096-82-5	Aroclor 1260	12 U	12 U	17	12	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		44-126%
2051-24-3	Decachlorobiphenyl	49%		41-145%

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ016061.D	1	08/05/17 21:05	SJL	07/27/17 08:00	OP66168	GJJ684
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a] 49.9 J	49.9	5.1	3.8	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		56-122%

(a) Associated MS/MSD outside of control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.1
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic 0.050U	0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Barium 0.36J	0.36 J	D005	100	2.0	0.050	0.050	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Cadmium 0.014J	0.014 J	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Chromium 0.050U	0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Lead 0.020U	0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Mercury 0.0010U	0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/01/17	08/01/17	JL	SW846 7470A	1
Selenium 0.050U	0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2
Silver 0.020U	0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/01/17	08/01/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14261
(2) Instrument QC Batch: MA14262
(3) Prep QC Batch: MP32523
(4) Prep QC Batch: MP32524

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC16		
Lab Sample ID:	FA46136-14	**Date Sampled:**	07/25/17
Matrix:	SO - Soil	**Date Received:**	07/26/17
		Percent Solids:	97.1
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/09/17 14:45	KH	SW846 1010
Solids, Percent	97.1	97.1				%	1	07/26/17 22:47	ZC	SM19 2540G
Sulfide Reactivity	51 U	51 U	51	51 [a]	51	mg/kg	1	07/28/17 10:52	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

EMSL Analytical, Inc.
3303 PARKWAY CENTER COURT Orlando, FL 32808
Tel/Fax: (407) 599-5887 / (407) 599-9063
http://www.EMSL.com / orlandolab@emsl.com

EMSL Order:	341706798
Customer ID:	ACCT51B
Customer PO:	
Project ID:	

Attention:	Andrea Colby	**Phone:**	(407) 425-6700
	Accutest	**Fax:**	(407) 425-0707
	4405 Vinland Road	**Received Date:**	07/25/2017 11:15 AM
	Orlando, FL 32811	**Analysis Date:**	08/08/2017
		Collected Date:	07/25/2017
Project:	Oro Grande, Fort Bliss, TX		

5

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
2X	T030GL-WC04	Red		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0001		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
3X	T030GL-WC05	Red		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0002		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
4X	T030GL-WC06	Brown		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0003		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
5X	T030GL-WC07	Brown		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0004		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
6X	T030GL-WC08	Brown		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0005		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
7X	T030GL-WC09	Brown		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0006		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
8X	T030GL-WC10	Red		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0007		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
9X	T030GL-WC11	Brown		35% Quartz	None Detected
		Non-Fibrous		15% Ca Carbonate	
341706798-0008		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
10X	T030GL-WC12	Tan		40% Quartz	None Detected
		Non-Fibrous		5% Ca Carbonate	
341706798-0009		Homogeneous		55% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
11X	T030GL-WC13	Tan		40% Quartz	None Detected
		Non-Fibrous		5% Ca Carbonate	
341706798-0010		Homogeneous		55% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
12X	T030GL-WC14	Tan		45% Quartz	None Detected
		Non-Fibrous		5% Ca Carbonate	
341706798-0011		Homogeneous		50% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					
13X	T030GL-WC15	Tan	4% Cellulose	40% Quartz	None Detected
		Non-Fibrous		5% Ca Carbonate	
341706798-0012		Homogeneous		51% Non-fibrous (Other)	
Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep					

Initial report from: 08/08/2017 10:44:01

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EMSL Order:	341706798
Customer ID:	ACCT51B
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
14X	T030GL-WC16	Tan	3% Cellulose	55% Quartz	None Detected
		Non-Fibrous		5% Ca Carbonate	
341706798-0013		Heterogeneous		37% Non-fibrous (Other)	

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep

5

(b) (6)

Analyst(s)
Jessicka Lopez (8)
Timothy Kleehammer (5)

(b) (6) boratory Director
or Other Approved Signatory

Initial report from: 08/08/2017 10:44:01